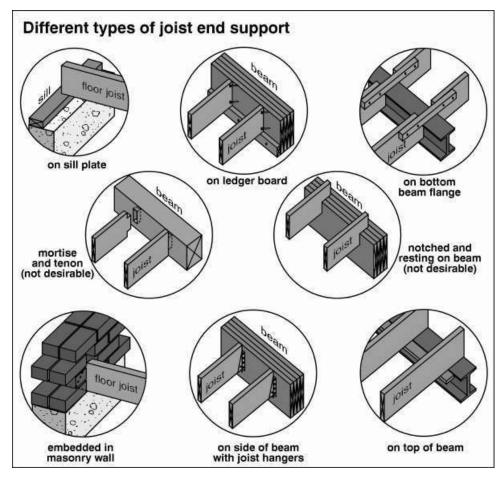
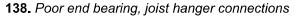
117 Judge Dr, Saukville, WI September 12, 2025 www.hshpropertyinspection.com

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE









139. Poor end bearing, joist hanger connections

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



**140.** Poor end bearing, joist hanger connections

# FLOORS \ Sheathing/Subflooring

27. Condition: • Water stains

There is some water damage in the floor sheathing from prior water leaks that needs to be repaired/replaced. the area was dry at the time of the inspection.

Implication(s): Material deterioration
Location: Basement First Floor
Task: Repair Improve Correct



141. Water stains



142. Water stains

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



143. Water stains

### **ROOF FRAMING \ Sheathing (roof/attic)**

28. Condition: • Mold

DEFECT - There is some fungal/bacterial growth in the attic, this should be evaluated/tested by a specialist to confirm, identify the cause, and be mitigated properly so it doesn't continue to spread or pose a risk to the residents. Further repairs to the attic as a part of this process may be necessary to ensure the condition doesn't return. Things to look at will be ventilation and air sealing as well as the bathroom vents. The area was not tested and samples were not taken at the time of the inspection.

Implication(s): Weakened structure | Chance of structural movement

Location: Attic

Task: Further evaluation Improve Correct

**Time**: Immediate **Cost**: Major

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE





**145.** *Mold* 





**146.** *Mold* **147.** *Mold* 

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE





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148. Mold



**149.** Mold



**150.** *Mold* **151.** *Mold* 

## 29. Condition: • Sagging

DEFECT - There are a number of areas showing warped and water damaged sheathing that needs to be replaced.

Walking/standing on the roof could be very dangerous.

Implication(s): Weakened structure | Chance of structural movement

Location: Throughout Attic Roof

Task: Repair or replace Further evaluation Improve Correct

**Time**: Immediate **Cost**: Major

SUMMARY COOLING INSULATION INTERIOR ROOFING STRUCTURE

APPENDIX REFERENCE



152. Sagging



154. Sagging



153. Sagging



155. Sagging

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

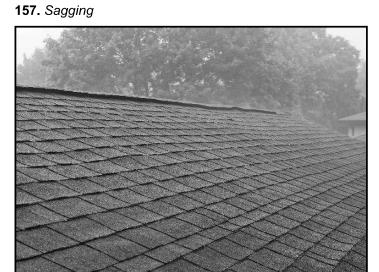
APPENDIX REFERENCE





156. Sagging





158. Sagging

**159.** Sagging

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

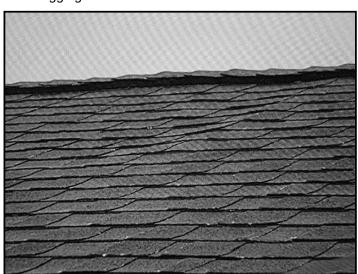




160. Sagging



161. Sagging

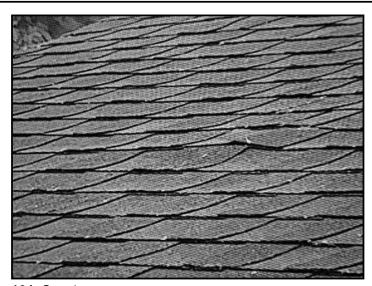


162. Sagging

163. Sagging

SUMMARY COOLING INSULATION INTERIOR ROOFING STRUCTURE

APPENDIX REFERENCE





164. Sagging

165. Sagging



166. Sagging

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

# Description

### Service entrance cable and location:

• Underground aluminum



167. Underground aluminum

### Service size:

• 100 Amps (240 Volts)



**168.** 100 Amps (240 Volts)

# Main disconnect/service box rating:

• 100 Amps

September 12, 2025

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SUMMARY

ROOFING

117 Judge Dr, Saukville, WI

TERIOR STE

**ELECTRIC** 

HEATING

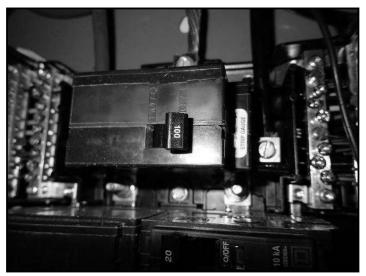
COOLING

INSULATE

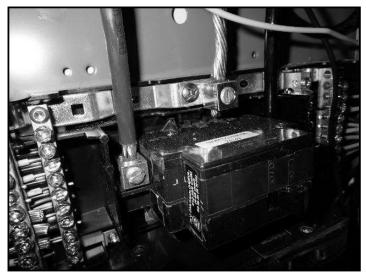
PLUMBING

INTERIOR

APPENDIX REFERENCE



**169.** 100 Amps



**170.** 100 Amps

# Main disconnect/service box type and location:

• Breakers - basement



171. Breakers - basement

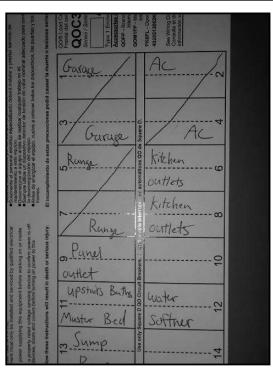


172. Breakers - basement

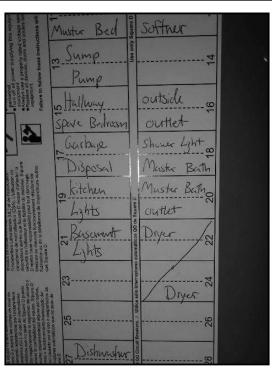
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SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

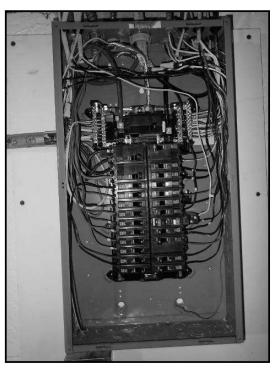
APPENDIX REFERENCE



173. Breakers - basement



174. Breakers - basement



175. Breakers - basement

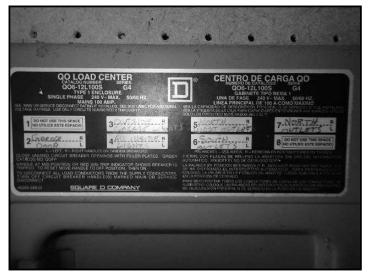
System grounding material and type: • <u>Not visible</u>
Auxiliary panel (subpanel) type and location:

• Breakers - garage

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

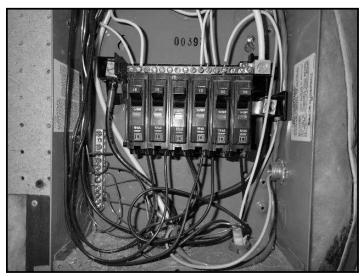




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176. Breakers - garage

177. Breakers - garage



178. Breakers - garage

Distribution wire (conductor) material and type: • Copper - non-metallic sheathed

Type and number of outlets (receptacles): • Grounded - typical

Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • GFCIs present • GFCI - bathroom • GFCI - kitchen

Smoke alarms (detectors): • Present

Carbon monoxide (CO) alarms (detectors): • Present

September 12, 2025

www.hshpropertyinspection.com

117 Judge Dr, Saukville, WI ROOFING INSULATION PLUMBING

APPENDIX REFERENCE

## Recommendations

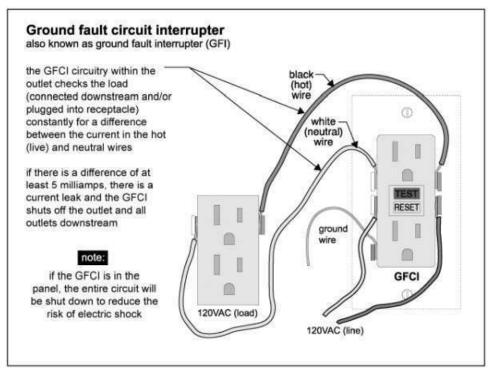
#### **DISTRIBUTION SYSTEM \ Outlets (receptacles)**

30. Condition: • GFCI/GFI needed (Ground Fault Circuit Interrupter)

There should be a properly installed and grounded GFCI receptacle within 6ft of all water sources. (Especially at kitchens, bathrooms, and laundry areas). The kitchens, bathrooms, exterior, and laundry area are of the greatest concern.

Implication(s): Electric shock

Location: Exterior Task: Improve Correct





179. GFCI/GFI needed (Ground Fault Circuit...

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

## **DISTRIBUTION SYSTEM \ Cover plates**

31. Condition: • Missing

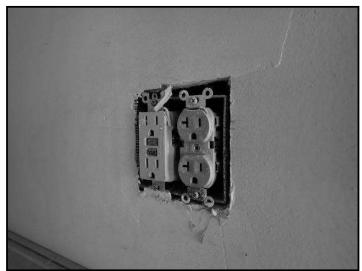
There are various areas where the cover plates are missing that should be provided. Any others found should be

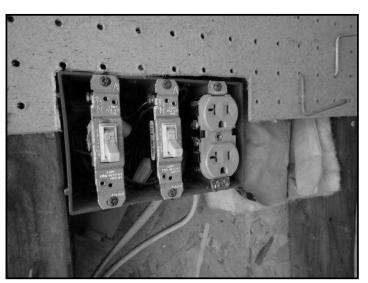
replaced as well.

Implication(s): Electric shock

**Location**: Various Basement Exterior **Task**: Provide Improve Correct

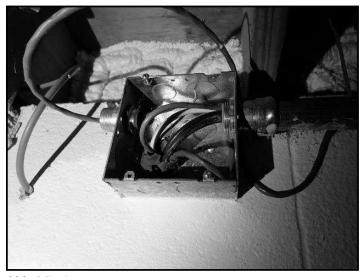
Time: Immediate





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**180.** *Missing* **181.** *Missing* 



182. Missing

### **DISTRIBUTION SYSTEM \ Lights**

32. Condition: • Inoperative

There are a few lights that were inoperative at the time of the inspection and may just need bulbs.

Implication(s): Inadequate lighting

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

Location: Various

Task: Repair or replace Improve Correct

Time: Discretionary





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183. Inoperative

184. Inoperative

## **DISTRIBUTION SYSTEM \ Smoke alarms (detectors)**

33. Condition: • Missing

DEFECT - There should be a functioning smoke and carbon monoxide detector on each floor. They should be checked once a month and replaced every 8-10 years. Some of the areas of the home have none or are out of date. Smoke detectors should not be placed in the kitchen area.

A high quality combo (CO & Smoke is recommended)

Recommended unit:

https://amzn.to/3YS6RjS Implication(s): Safety issue Location: Various Basement Task: Provide Improve Correct

Time: Immediate

ELECTRICAL Report No. 7402

COOLING

117 Judge Dr, Saukville, WI September 12, 2025

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INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

SUMMARY



185. Missing

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

# Description

**Heating system type:** • Furnace • The heating system should be serviced a minimum every 2 years; all filters should be changed every 3-6 months depending on size.

Fuel/energy source: • Gas

## Furnace manufacturer:

Carrier



186. Carrier



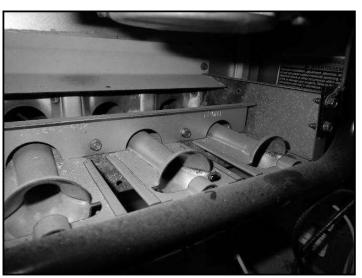
187. Carrier

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



188. Carrier

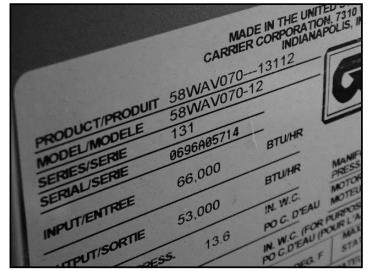


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189. Carrier

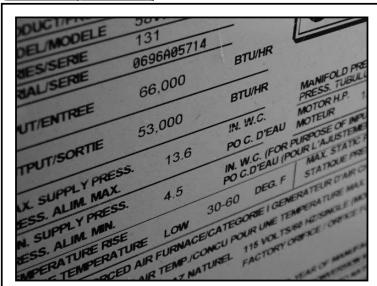


**190.** *Carrier* **191.** *Carrier* 

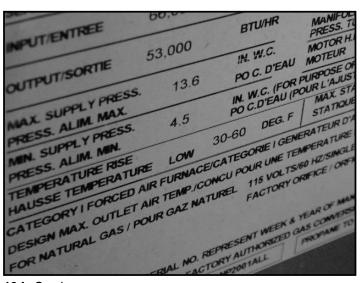


SUMMARY ROOFING HEATING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



192. Carrier



**194.** Carrier



193 Carrier



195. Carrier

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



196. Carrier

Heat distribution: • <u>Ducts and registers</u>

Approximate capacity: • <u>65,000 BTU/hr</u>

Efficiency: • Conventional

Approximate age: • 29 years

### Main fuel shut off at:

• Meter



**197.** *Meter* 

Exterior wall

# Failure probability:

• High

Due to age, condition, and manufacturer's listed life expectancy. The unit is not displaying any signs of eminent failure.

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE

Supply temperature: • 140°
Return temperature: • 70°
Temperature difference: • 70°

### Air filter:

Mechanical

The filters should be changed every 6 months on the unit to promote the life of the HVAC equipment.

Note: Setting up a timed delivery on Amazon is a great reminder - highlight the url and paste it into your browser to go to the amazon link

16x25x1 filter - https://amzn.to/3vF2uN5

16x25x4 filter - https://amzn.to/3xgn1lf

16x25x5 filter - https://amzn.to/3J53XPR

20x25x1 filter - https://amzn.to/3PPaxhm

20x25x4 filter - https://amzn.to/43Twule

20x25x5 filter - https://amzn.to/3vQhfN4



198. Mechanical

Disposable

### Chimney/vent:

Masonry



199. Mechanical

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE





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200. Masonry

**201.** Masonry

#### **Humidifier:**

· Duct mounted bypass humidifer

The humidification system was not functioning as expected at the time of the inspection.

# Limitations

**Inspection prevented/limited by:** • Chimney interiors and flues are not inspected. If the house has a chimney it should be cleaned and inspected. If it was not cleaned and inspected as a part of your home inspection (requires special equipment) it is recommended it be cleaned and inspected within your inspection contingency as if damaged is is expensive to repair or replaced. If the flue/chimney is damaged it can also be an extreme safety hazard. What a home inspector can visually see during an inspection is very limited.

## Recommendations

### **FURNACE \ Humidifier**

34. Condition: • Inoperative motor or solenoid valve

The humidification system was not functional at the time of the inspection and the most likely cause is a malfunctioning solenoid valve.

Implication(s): Equipment inoperative

**Location**: Basement

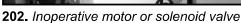
Task: Further evaluation Improve Correct

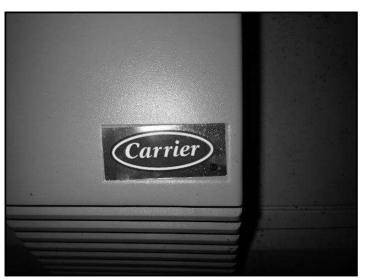
Time: Discretionary

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE







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203. Inoperative motor or solenoid valve



204. Inoperative motor or solenoid valve

## **GAS FURNACE \ Heat exchanger**

35. Condition: • Cracks, holes or rust

DEFECT - Further evaluation by a qualified professional HVAC technician is needed to determine the furnace viability. Carrier furnaces of this age had heat exchanger problems and there was a large recall. Given its age and condition there may be other issues discovered during this process.

Implication(s): Reduced system life expectancy | Hazardous combustion products entering home

**Location**: Basement **Task**: Further evaluation

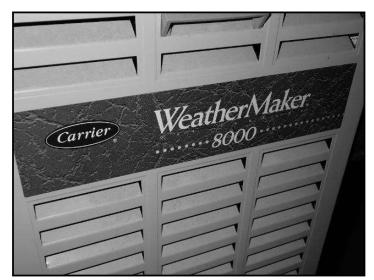
Time: Immediate

HEATING Report No. 7402

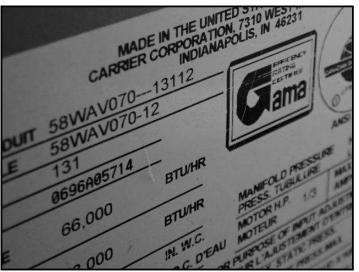
117 Judge Dr, Saukville, WI September 12, 2025

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

APPENDIX REFERENCE



205. Cracks, holes or rust



206. Cracks, holes or rust